

2006 Durango Interagency Dispatch Center Annual Report



Archuleta County

Dolores County

Hinsdale County

La Plata County

Mineral County

Montezuma County

San Juan County



Weaver Fire - Photo by Tom Rice

The 2006 DRC Annual Report Contents:

Section 1: Narrative Summary

Section 2: DRC Fire Activity

Section 3: Resources

Section 4: Aviation (Helicopters; Durango Air Tanker Base.)

Section 5: San Juan IHC Annual Activity

Section 6: Fuel Graphs

2006 Durango Interagency Dispatch Center Annual Report

Section 1 – Narrative Summary

Fire Activity Summary (See Section 2 for details.)

The 2006 fire season began for Durango Dispatch in early January with four human caused fires on the Dolores Public Lands and extended through early October. In 2006 the Durango Dispatch Zone Federal Agencies have had 381 fires burning a total of 1,417.2 acres, while the counties had 140 fires burning 134.1 acres.

Federal Agencies in the Durango Dispatch Zone conducted 31 Prescribed burns for 5549 acres, and conducted 45 mechanical fuel reduction on a additional 10,231 acres.

Weather Summary (Also see Section 6 for fuels data information.)

The year 2006 started on the mild and dry side with temperatures averaging above normal and precipitation averaging below normal during January and February. A couple of late winter storms reversed that trend in March, however, producing above normal precipitation and cooler than normal temperatures in most locations for the month. Drier and warmer than normal conditions, average, then returned for the springtime months of April and May. June, normally the driest time of year, saw above normal conditions, on precipitation at many locations as pre-monsoonal moisture surges made into the state. July and August saw temperatures average near to above normal with the rather typical spread in precipitation. A sudden pattern change in early September resulted in a rather quick shift to more autumn-like conditions. Temperatures averaged below normal for September with precipitation generally above normal. (*Jim Daniels, Grand Junction Nat'l Weather Service Office*)

Resources Summary (See Section 3 for details.)

The Durango Dispatch Zone has 342 red carded individuals to draw from for fire assignments. Out of these, approximately 89 percent actively participated in fire during 2006.

As of November 2006, Durango Dispatch processed 2,120 requests resulting in the mobilization of 4,928 personnel. See Section 3 for details.

The Durango Dispatch Zone has three Exclusive Use helicopters (0VR, 9TB, 73H) which flew 744.9 hours in support of incident operations. See Section 4 for details.

The Durango Tanker Base supported Air Tankers, SEATs, Lead Planes, and Air Attack aircraft in fire operations. See Section 4 for details.

2006 Durango Interagency Dispatch Center Annual Report

Section 2 – Fire Activity

2001 - Fires and Acres for Federal Agencies							2004 - Fires and Acres for Federal Agencies						
UNIT	Lightning Caused	Lightnin g Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	17	5	0	0	17	5	MVP	26	4	0	0	26	4
SJD	10	51	0	0	10	51	SJD	42	83	1	0	43	83
SJF	56	81	6	100	62	181	SJF	97	29	11	62	108	91
SUA	39	110	4	204	43	314	SUA	64	226	2	0	66	226
UMA	49	32	10	39	59	71	UMA	85	1111	2	1	87	1112
TOTALS	171	279	20	343	191	622	TOTALS	314	1453	16	63	330	1516
2002 - Fires and Acres for Federal Agencies							2005 - Fires and Acres for Federal Agencies						
UNIT	Lightning Caused	Lightnin g Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	5	2602	0	0	5	2602	MVP	7	7	0	0	7	7
SJD	42	75	2	181	44	256	SJD	37	276	0	71	37	347
SJF	97	66	17	71665	114	71731	SJF	69	2353	8	1	77	2354
SUA	71	1763	4	12	75	1775	SUA	59	1217	1	26	60	1243
UMA	41	409	8	2	49	411	UMA	12	1560	77	190	89	1750
TOTALS	256	4915	31	71860	287	76775	TOTALS	184	5413	86	287	270	5700
2003 - Fires and Acres for Federal Agencies							2006 - Fires and Acres for Federal Agencies						
UNIT	Lightning Caused	Lightnin g Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	28	448	0	0	28	448	MVP	22	22.1	0	0.0	22	22.1
SJD	94	20	0	0	94	20	SJD	85	46.3	4	0.4	89	46.7
SJF	179	2233	1	2	180	2235	SJF	96	20.8	9	5.0	105	25.8
SUA	96	2208	1	1	97	2209	SUA	72	572.5	1	0.5	73	573.0
UMA	67	2314	1	0	68	2314	UMA	80	731.4	12	18.2	92	749.6
TOTALS	464	7223	3	3	467	7226	TOTALS	355	1393.1	26	24.1	381	1417.2
5-Year Average Federal Agencies (2001-2005)							Fire and Acres, Colorado State Forest Service, Durango District						
UNIT	Lightning Caused	Lightnin g Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	17	613	0	0	17	613	2001	76	56.0	80	115.0	156	171.0
SJD	45	101	1	50	46	151	2002	28	19.0	14	85.0	42	104.0
SJF	100	952	9	14366	108	15318	2003	126	34.9	38	57.6	164	92.5
SUA	66	1105	2	49	68	1153	2004	81	73.0	51	113.0	132	186.0
UMA	51	1085	20	46	70	1132	2005	63	116.0	31	50.0	94	166.0
TOTALS	278	3857	31	14511	309	18368	2006	105	57.7	35	76.4	140	134.1
							Fires & Acres provided by Durango District, Colorado State Forest Service.						

2006 Durango Interagency Dispatch Center Annual Report

Section 2 – Fire Activity – Agency Breakdown

2006 FEDERAL AGENCY/UNIT FIRE ACTIVITY

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	22	22.1	0	0.0	22	22.1
SJD	85	46.3	4	0.4	89	46.7
SJD-COL	0	0.0	0	0.0	0	0.0
SJD-DOL	83	46.2	4	0.4	87	46.6
SJD-PAG	1	0.1	0	0.0	1	0.1
SJF	96	20.8	9	5.0	105	25.8
SJF-COL	21	2.7	4	4.2	25	6.9
SJF-DOL	39	8.0	2	0.4	41	8.4
SJF-PAG	36	10.1	3	0.5	39	10.6
SUA	72	572.5	1	0.5	73	573.0
UMA	80	731.4	12	18.2	92	749.6
Total Federal	355	1393.1	26	24.1	381	1417.2

2006 COUNTY FIRE ACTIVITY

[illegible]

2006 Durango Interagency Dispatch Center Annual Report

Section 2 – Fire Activity – Fuel Reduction – Prescribed Fires

PRESCRIBED		FIRES	
Fuel Burning Projects	Unit	Acres	Method
Sandoval	BIA-SUA	213	Pile Burn
Chimney Rock	BIA-SUA	65	Pile Burn
Mesa Mountain	BIA-SUA	2	Prep. Burn
North Thomas	BIA-UMA	85	Broadcast Burn
Towaoc	BIA-UMA	30	Pile Burn
Soda Point	BIA-UMA	32	Pile Burn
Hogan Piles	NPS-MVP	80	Pile Burn
Morfield Canyon	NPS-MVP	25	Broadcast Burn
Far View	NPS-MVP	10	Broadcast Burn
Painted Hand	SJD-DOL	5	Pile Burn
Dolores Rim	SJD-DOL	500	Broadcast Burn
Vigil/Abeyta	SJD-PAG	452	Broadcast Burn
Lange Canyon	SJF-COL	527	Broadcast Burn
Florida	SJF-COL	125	Pile Burn
Beaver Railroad	SJF-DOL	150	Pile Burn
Beaver Railroad	SJF-DOL	700	Broadcast Burn
Colt TS/Boggy	SJF-DOL	370	Pile Burn
Dol. Admin/Rec Sites	SJF-DOL	15	Pile Burn
Horsecamp	SJF-DOL	525	Broadcast Burn
Horsecamp	SJF-DOL	7	Pile Burn
Little Bean	SJF-DOL	180	Broadcast Burn
May Canyon	SJF-DOL	35	Pile Burn
McPhee	SJF-DOL	20	Pile Burn
Narriguinsep	SJF-DOL	300	Broadcast Burn
Trail Cyn Timber Sale	SJF-DOL	265	Broadcast Burn
Burns Canyon	SJF-PAG	30	Pile Burn
Chimney Rock	SJF-PAG	28	Pile Burn
Devil Creek	SJF-PAG	631	Broadcast Burn
Turkey Springs	SJF-PAG	58	Broadcast Burn
Mule Mountail	SJF-PAG	81	Broadcast Burn
Pagosa RD CGs	SJF-PAG	3	Pile Burn
		5549	

DRC AREA	SUMMARY	
Unit	Prescribed Acres	Mech. Acres
San Juan Forest	4050	6410
Columbine	652	1601
Dolores	2567	2673
Pagosa	831	2136
San Juan Field Office	957	2532
Columbine	0	416
Dolores	505	1695
Pagosa	452	421
Mesa Verde Park	115	95
Southern Ute Agency	280	992
Ute Mountain Agency	147	202
Totals	5549	10231

2006 Durango Interagency Dispatch Center Annual Report

Section 2 – Fire Activity – Fuel Reduction – Mechanical

Mechanical Fuel Reduct.	Unit	Acres	Method
Chimney Rock	BIA-SUA	52	Thinning
Sundance	BIA-SUA	46	Thinning
Redonda	BIA-SUA	237	Thinning
Redonda	BIA-SUA	593	Mowing
Barnsville	BIA-SUA	64	Thinning
Green Cedar	BIA-UMA	32	Thinning
Chapin Mesa	BIA-UMA	170	Thinning
North Chapin Maintenance	NPS-MVP	80	Thinning
Safety Zone	NPS-MVP	12	Thinning
Sun Temple Defensible	NPS-MVP	1	Thinning
Cliff Palace Defensible	NPS-MVP	1	Thinning
Rock Spring Cabin Defensible	NPS-MVP	1	Thinning
Edgemont	SJD-COL	13	Thinning
Florida	SJD-COL	103	Thinning
Foxfire	SJD-COL	300	Mowing
Painted Hand	SJD-DOL	10	Mowing
MNX County Fairgrounds	SJD-DOL	20	Thinning
Radio	SJD-DOL	600	Mowing
School	SJD-DOL	420	Mowing
Summit 2	SJD-DOL	575	Mowing
School	SJD-DOL	35	Thinning
Summit 2	SJD-DOL	35	Thinning
Vigil/Abeyta	SJD-PAG	421	Mowing
Column 1 Total		3821	

Mechanical Fuel Reduct.	Unit	Acres	Method
Hidden Valley	SJF-COL	655	Mowing
Mayday	SJF-COL	155	Mowing
Shalona	SJF-COL	224	Thinning
Shalona	SJF-COL	224	Mowing
Durango Hills	SJF-COL	343	Thinning
Beaver Railroad	SJF-DOL	35	Thinning
Dolores Admin/Rec Sites	SJF-DOL	15	Thinning
Horsecamp	SJF-DOL	15	Thinning
Horsecamp	SJF-DOL	831	Mowing
House Creek (Boggy Draw)	SJF-DOL	720	Mowing
May Canyon	SJF-DOL	35	Thinning
North Jackson Timber Sale	SJF-DOL	82	Thinning
North Jackson Timber Sale	SJF-DOL	136	Mowing
Rocky Draw	SJF-DOL	60	Mowing
Upper Dolores	SJF-DOL	570	Mowing
May Canyon	SJF-DOL	130	Mowing
McPhee	SJF-DOL	44	Mowing
Chimney Rock	SJF-PAG	9	Thinning
Eightmile Mesa	SJF-PAG	1144	Mowing
Kenney Flats	SJF-PAG	962	Mowing
Turkey Springs	SJF-PAG	20	Thinning
Pagosa RD Campgrounds	SJF-PAG	1	Thinning
Column 2 Total		6410	
Grand Total - Mechanical		10231	

2006 Durango Interagency Dispatch Center Annual Report
Section 2 – Fire Activity – Incident Response

Unit	# of Incidents	Smoke Checks/ False Alarms	Prescribed Fires	Search & Rescue	Misc.*
Archuleta County	3	4	0	1	0
Dolores County	4	6	0	0	0
La Plata County	16	9	0	5	0
Montezuma County	26	12	0	0	0
Mesa Verde National Park	22	11	3	0	0
Southern Ute Agency	73	19	3	0	0
Ute Mountain Ute Agency	92	16	3	0	2
Columbine Public Lands (BLM/FS)	25	5	2	0	0
SJF	25		2		
SJD	0		0		
Dolores Public Lands (BLM/FS)	128	33	13	0	2
SJF	41		11		
SJD	87		2		
Pagosa Public Lands (BLM/FS)	40	9	7	0	1
SJF	39		6		
SJD	1		1		
Total	429	124	31	6	5
Grand Total of Incidents: 595					
The DRC area Federal Agencies had 381 confirmed fire events (Wildfires and Wildland Fire Uses Fires).					
MISC.* - DRC Response actions for non-fire events, other than Search and Rescue.					

2006 Large Fires with Incident Management Teams Assigned

FIRE NAME	STATE	AGENCY	START DATE	CAUSE	ACRES	IC
BLACK RIDGE	CO	SUA	5/24/2006	LIGHTNING	530	ICT3 – KLATT
WEAVER	CO	UMA	7/18/2006	LIGHTNING	679	ICT3 – KLATT

Wildland Fire Use	Unit	Acres
Uppersand WFU	SJF-PAG	0.10
Oil Creek WFU	SJF-PAG	0.25
Total		0.35

2006 Durango Interagency Dispatch Center Annual Report

Section 3 - Resources

The Durango Dispatch zone has approximately 342 interagency red carded individuals to draw from for fire assignments. Out of these, approximately 89 percent actively participated in fire during 2006.

As of November 2006, Durango Dispatch processed 2,120 requests resulting in the mobilization of 4,928 personnel.

UNIT	OVERHEAD	ENGINE/WT	CREWS	DOZER/TP	AIRCRAFT	<p>External resources mobilized <i>into</i> the DRC Area (excluding supplies). This includes resources ordered to support fires and prepositioning to assist with severity.</p> <p>Total resources ordered were 184 resources for a total of 793 personnel.</p>
DRC	7	0	2	0	6	
DRS	0	0	0	0	4	
MVP	3	3	4	0	5	
SJD	3	0	4	0	17	
SJF	25	5	4	0	10	
SUA	1	8	3	0	27	
UMA	10	8	8	0	17	
Total	49	24	25	0	86	

UNIT	OVERHEAD	ENGINE/WT	CREWS	DOZER/TP	AIRCRAFT	<p>This is a listing of all DRC resources mobilized to area and national events. This list does not include Emergency Equipment Rental Agreement vendors.</p> <p>Total resources ordered were 229 resources for a total of 550 personnel.</p>
DRC	5	0	2	0	0	
DRS	7	4	0	0	0	
MVP	12	2	0	0	2	
SJD	47	0	0	0	0	
SJF	91	5	10	0	2	
SUA	16	1	0	0	0	
UMA	15	3	3	0	2	
Total	193	15	15	0	6	

UNIT	OVERHEAD	ENGINE/WT	CREWS	DOZER/TP	AIRCRAFT	<p>Total resources mobilized to DRC Area Initial Attack (excluding supplies).</p> <p>Total resources dispatched for IA were 1707 resources for a total of 3,585 personnel.</p>
DRC	0	0	0	0	0	
DRS	163	85	3	0	14	
MVP	40	23	0	0	9	
SJD	122	110	3	0	39	
SJF	300	105	11	0	27	
SUA	180	111	6	0	22	
UMA	158	124	9	1	42	
Total	963	558	32	1	153	

2006 Durango Interagency Dispatch Center Annual Report

Section 4 – Aviation Activity - Helicopters

<i>Home Unit</i>	<i>Missions</i>	<i>TAIL #</i>	<i>Hours Flown</i>	<i>Passengers Delivered</i>	<i>Water Delivered</i>	<i>Cargo Delivered</i>
CO-MVP	650	0VR (T3)	313.1	822	103,218 gal.	81,285 lbs.
CO-UMA	7	122 (T3)	42.8 hrs.			<i>Combined Totals</i>
	36	9TB (T3)	87.4 hrs. 133.8	175	25,500 gal.	10,168 lbs.
CO-SJF	525	73H (T2)	298	1,569	468,905 gal.	139,966 lbs.

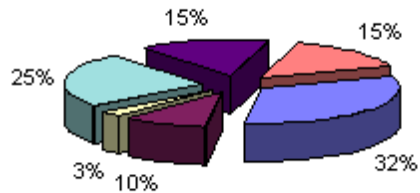
All Helicopters used within Durango Dispatch Zone that were ordered on a Resources Order, listed by using agency and number used of each type of helicopter. Does not include the Helicopters listed above.

Type 3 = 40 Helicopters

Type 2 = 6 Helicopters

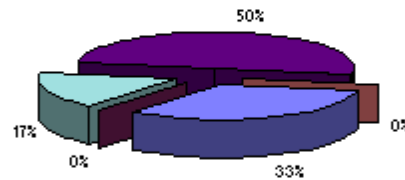
Type 1 = 14 Helicopter

Type 3 Helicopters



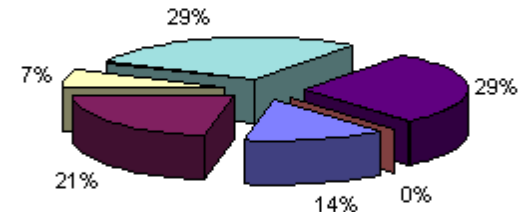
■ SJF ■ SJD ■ MVP ■ SUA ■ UMA ■ DRS

Type 2 Helicopters



■ SJF ■ SJD ■ MVP ■ SUA ■ UMA ■ DRS

Type 1 Helicopters



■ SJF ■ SJD ■ MVP ■ SUA ■ UMA ■ DRS

TYPE 3

Using Agency	# Used
SJF	13
SJD	4
MVP	1
SUA	10
UMA	6
DRS	6

TYPE 2

Using Agency	# Used
SJF	2
SJD	0
MVP	0
SUA	1
UMA	3
DRS	0

TYPE 1

Using Agency	# Used
SJF	2
SJD	3
MVP	1
SUA	4
UMA	4
DRS	0

2006 Durango Interagency Dispatch Center Annual Report
Section 4 – Aviation Activity – Durango Tanker Base

2006 Durango Airtanker Base Annual Report

Durango Airtanker Base Info

Flew 101 Missions
Flew on 30 Fires
196,777 Gallons of retardant pumped

Cortez Seat Base Info

Flew 53 Missions
Flew on 21 Fires
33,132 Gallons of retardant pumped

Airtanker 20 Info

Contract Duration 2/1-10/7/2006

- 1809.55 Hrs. Availability
- 8.45 Hrs. Unavailability
- 99.5% Available
- 538.15 Hrs Flight Time

933 Hrs. Ext. Standby

- 583 Missions Flown
- Flew on 145 fires
- 1,412,218 Gallons of Retardant Delivered

Air Attack Platform Orders

- Total - 12

Lead Plane Orders

- Total - 10

Single Engine Air Tankers (SEAT) Orders

- Total - 27

Smokejumper Planes Orders

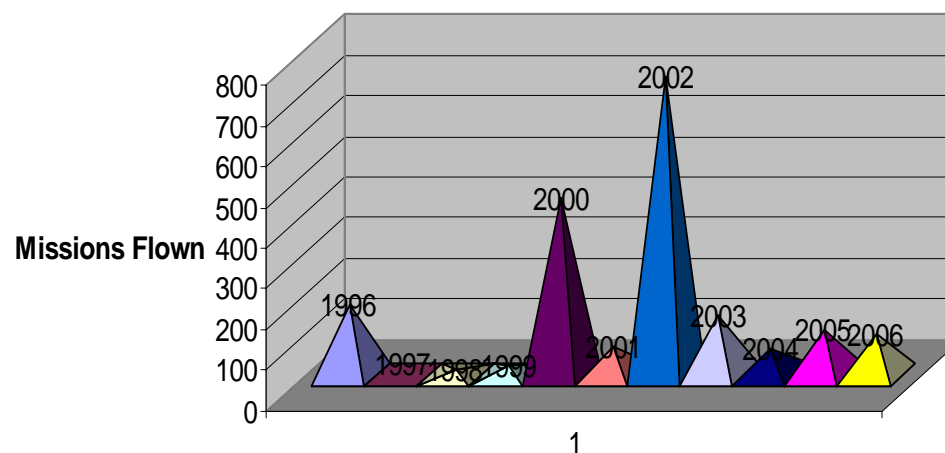
Total – 5 orders

Smokejumper Orders

Total - 8 Orders



ATB Historic Use



Avg/year Retardant Usage 356,605 Gallons

2006 Durango Interagency Dispatch Center Annual Report

Section 5 – San Juan IHC Activity Summary

The San Juan IHC is based in Hesperus, Colorado and is hosted by the San Juan Public Lands Center. SJIHC has been an established hotshot crew for five years. During the 2006 season the crew hired two new crewmembers, Keith Bedone and David Herth. The crew was committed for 114 days with 22 fire assignments in the states of AZ, CA, CO, MT, UT and WY. The crew reported to work earlier than scheduled to help assist the San Juan Public Lands with the prescribed fire targets.

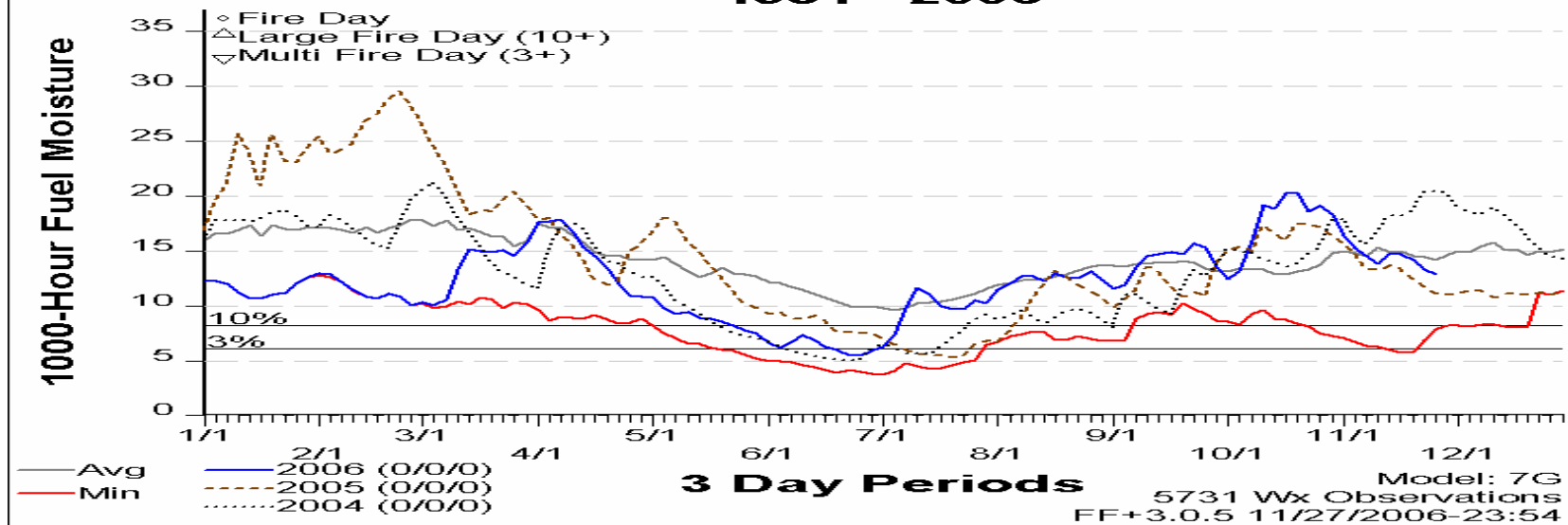
2006 was a busy season and the SJIHC received outstanding performance evaluations for their fire assignments. Many thanks to the outstanding return rate for the overhead and the crewmembers have helped build a solid crew. Certificates of Appreciation were given to each crewmember for their hard work, attention to safety, dedication and professionalism. Individual awards are as follows: Dustin Wheeler received the “Lee Shepherd Memorial Hotshot of the Year Award”. The next award which is regarded highly on the SJIHC is the “Dedication to Safety Award” and Travis Thiel was selected for this award. The final award is given to a crewmember who shows a high level of positive motivation and inspiration throughout the year and thus, Justin Cavasso received the “Most Inspirational Crew Member Award”.



2006 Durango Interagency Dispatch Center Annual Report

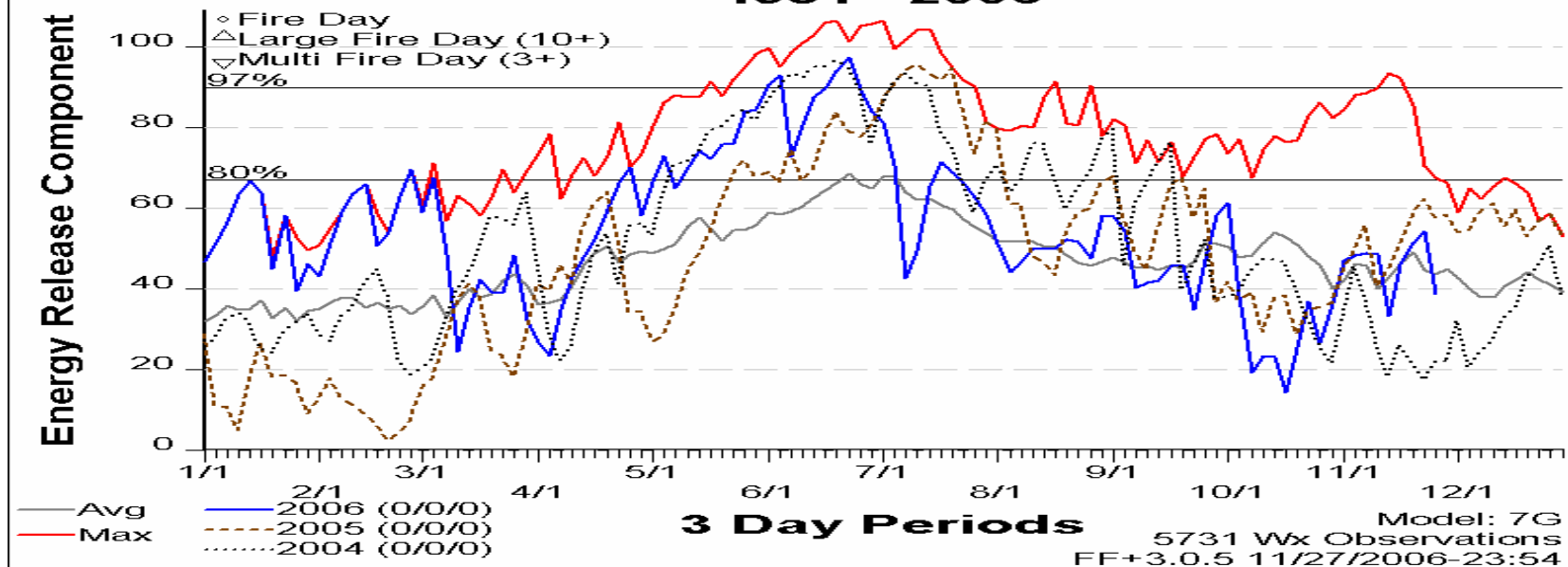
Section 6 - Fuels

SIG - DRC 1984 - 2006



1000 Hour Fuel - Dead fuel 3 to 8 inches in diameter.

SIG - DRC 1984 - 2006



Energy Release Component-The total heat released per unit area (British Thermal Unit per square foot) within the fire front at the head of a moving fire.

2006 Durango Interagency Dispatch Center Annual Report

Section 3 – Resources – Report Requested by RMACC

DOES NOT INCLUDE EERA VENDORS

RESOURCES TO NATIONAL ASSIGNMENTS										Total
	DRC	DRS	MVP	SJD	SJF	SUA	UMA	Total	People	People
O/H	5	6	4	31	62	11	12	131	x1	131
Eng/WT	0	3	1	0	2	1	1	8	x3	24
CRWS	3	0	0	0	10	0	1	14	x20	280
DOZ/TP	0	0	0	0	0	0	0	0	x2	0
A/C	0	0	2	0	2	0	0	4	x2	8

5 YEAR AVERAGE - 2001 THRU 2005

INCOMING FIVE YEAR AVERAGE								
	DRS	MVP	SJD	SJF	SUA	UMA		
O/H	9.4	43.0	23.6	523.4	73.2	21.6		
Eng/WT	10.8	43.4	12.2	295.8	49.8	10.6		
CRWS	3.6	7.2	4.0	39.2	9.0	5.4		
DOZ/TP	0.0	0.0	0.0	0.0	0.0	0.0		
A/C	9.8	8.6	10.8	49.8	17.0	11.4		

RESOURCES TO RMACC ASSIGNMENTS										Total
	DRC	DRS	MVP	SJD	SJF	SUA	UMA	Total	People	People
O/H	0	1	8	17	29	6	3	64	x1	64
Eng/WT	0	1	2	1	3	0	2	9	x3	27
CRWS	7	0	0	0	14	0	2	23	x20	460
DOZ/TP	0	0	0	0	0	0	0	0	x2	0
A/C	0	0	8	0	17	0	2	27	x2	54

OUT GOING FIVE YEAR AVERAGE								
	DRS	MVP	SJD	SJF	SUA	UMA		
O/H	5.4	13.2	22.4	125.0	7.0	7.4		
Eng/WT	6.2	0.8	0.2	4.6	2.6	3.6		
CRWS	0.0	0.0	0.0	9.8	0.0	3.0		
DOZ/TP	0.0	0.0	0.0	0.0	0.0	0.0		
A/C	0.0	3.4	1.2	23.8	0.0	1.6		

RESOURCES ON INITIAL ATTACK (LOCAL)										Total
	DRC	DRS	MVP	SJD	SJF	SUA	UMA	Total	People	People
O/H	0	163	40	122	300	180	158	963	x1	963
Eng/WT	0	85	23	110	105	111	124	558	x3	1674
CRWS	0	3	0	3	11	6	9	32	x20	640
DOZ/TP	0	0	0	0	0	0	1	1	x2	2
A/C	0	14	9	39	27	22	42	153	x2	306

IA FIVE YEAR AVERAGE								
	DRS	MVP	SJD	SJF	SUA	UMA		
O/H	50.4	53.0	42.8	187.8	84.4	72.6		
Eng/WT	62.2	18.6	83.2	112.0	103.6	125.6		
CRWS	5.0	2.4	5.0	23.0	15.2	8.0		
DOZ/TP	0.8	0.2	0.8	2.2	4.4	0.4		
A/C	10.2	11.4	30.8	67.6	25.8	32.2		

5 Year average is high due to Missionary Ridge/Valley fire resource numbers.

Overhead IA numbers are higher due to improved accounting procedures

CREWS UTILIZATION			
	DRC	RMC	NIC
CRW-1	5	14	10
CRW-2	21	7	1

INCOMING RESOURCES		
	Total	5 YR
O/H	131	676.2
Eng/WT	8	413.8
CRWS	14	63.9
DOZ/TP	0	0.0
A/C	4	97.9

OUTGOING RESOURCES		
	Total	5 YR
O/H	64	174.2
Eng/WT	9	15.0
CRWS	23	10.3
DOZ/TP	0	0.0
A/C	27	28.7

IA RESOURCES		
	Total	5 YR
O/H	963	430.5
Eng/WT	558	400.5
CRWS	32	51.9
DOZ/TP	1	8.5
A/C	153	151.2